

NORTHERN RANGE LIMITS OF THE LONG NOSED POTOROO, *POTOROUS TRIDACTYLUS*. *Memoirs of the Queensland Museum* 35(1): 180. 1994:- The Long nosed Potoroo (*Potorous tridactylus*) is one of several members of the Potoroidae (Potoroinae) (Seebeck et al., 1991). The known distribution of the species extends from southern Tasmania (Heinsohn, 1968), through eastern Australia, to SE Queensland (Johnson, 1986). The Queensland Museum mammal database indicates that the northern-most, specimen-backed record of *P. tridactylus* is Kiamba (near Yandina) (26°34'S, 152°54'E). Here, we record a sighting of *P. tridactylus* from a forested area approximately 300km NW of Kiamba near where a sighting of the same species has been recorded (Amos, 1982).

During October and November, 1993, we completed surveys for the Mountain Brushtail Possum, *Trichosurus caninus* in SE and central Queensland (Lindenmayer & Viggers, unpubl. data). Opportunistic records of other species of mammals were gathered as part of these studies. One of the areas targeted was the Bulburin State Forest (24°33'S, 151°28'E), which is c.25km SW of Miriam Vale. There have been few surveys of the fauna in the area (D. Rolfe, Queensland Forest Service, pers. comm.). During spotlighting transects conducted as part of our surveys of *T. caninus*, an adult *P. tridactylus* was sighted on a roadside verge at the ecotone between rainforest and a plantation of Hoop Pine, *Araucaria cunningghamii*. Attempts to locate *P. tridactylus* during subsequent nights of spotlighting were unsuccessful. Our study indicates that further surveys of the mammalian fauna in the Bulburin State Forest should assess the status of the species.

Acknowledgements

The significance of our sighting of *P. tridactylus* was highlighted during discussions with Mr A.M. Gilmore. Mr S. Van Dyck provided information from the Queensland Museum mammal database. We thank Mr D. Rolfe for allowing access to the Bulburin State Forest, providing accommodation whilst we were working in the area, and supplying unpublished data derived from various studies in the region. We are most grateful to Dr A. Watt for her support of our studies in Queensland. DBL is funded by an Australian Research Council Postdoctoral Award.

Literature Cited

- Amos, P.J. 1982. The potoroo in Queensland. *Queensland Agricultural Journal* 108: 57.
 Heinsohn, G. 1968. Habitat requirements of the macropod marsupial *Potorous tridactylus* in Tasmania. *Mammalia* 32: 30-43.
 Johnson, P.G. 1986. Longnosed Potoroo. P. 181. In Strahan, R. (ed.), 'The complete book of Australian mammals'. (Angus & Robertson: Sydney).
 Seebeck, J.H., Bennett, A.F. & Scott, D.S. 1991. Ecology of the Potoroidae a review. Pp. 67-88. In Grigg, G., Jarman, P. & Hume, I. (eds), 'Kangaroos, Wallabies and Rat Kangaroos'. (Surrey Beatty: Chipping Norton).

D.B. Lindenmayer, Centre for Resource & Environmental Studies, The Australian National University, Canberra, Australian Capital Territory 0200, Australia; K.L. Viggers, Division of Biochemistry & Molecular Biology, The Australian National University, Canberra, Australian Capital Territory 0200, Australia; 15 December 1993.